

5' GTG TGG AGC TGG CTG GAA TCT CTC AGC CTC ACC TGC CAG ACA ACA CCC CCT CCT

9 18 27 36 45 54  
5' GTG TGG AGC TGG CTG GAA TCT CTC AGC CTC ACC TGC CAG ACA ACA CCC CCT CCT  
63 72 81 90 99 108  
TCC TCA CCC TGT CTC CTG CAT TCT CCT GAA ACC TTC ATC CAC ACA ATG CCT CCC  
117 126 135 144 153 162  
AAC CTC ACT GGC TAC TAC CGC TTT GTC TCG CAG AAG AAC ATG GAG GAC TAC CTG  
N L T G Y Y R F V S Q K N M E D Y L  
171 180 189 198 207 216  
CAA GCC CTA AAC ATC AGC TTG GCT GTG CGG AAG ACC GCG CTG CTG CTG AAG CCG  
Q A L N I S L A V R K T A L L L K P  
225 234 243 252 261 270  
GAC AAG GAG ATC GAA CAC CAG GGC AAC CAC ATG ACG GTG AGG ACG CTC AGC ACC  
D K E I E H Q G N H M T V R T L S T  
279 288 297 306 315 324  
TTC CGA AAC TAC ACT GTG CAG TTT GAT GTG GGA GTG GAG TTT GAG GAG GAC CTC  
F R N Y T V Q F D V G V E F E D L  
333 342 351 360 369 378  
AGG AGC GTG GAC GGA CGA AAA TGC CAG ACC ATA GTA ACC TGG GAG GAG GAG CAC  
R S V D G R K C Q T I V T W E E H

FIG. 1A

387 396 405 414 423 432  
CTG GTG TGT GTG CAG AAA GGG GAG GTC CCC AAC CGG GGC TGG AGA CAC TGG CTG  
L V C V Q K G E V P N R G W R H W L

441 450 459 468 477 486  
GAG GGA GAG ATG CTG TAT CTG GAA CTG ACT GCA AGG GAT GCA GTG TGC GAG CAG  
E G E M L Y L E L T A R D A V C E Q

495 504 513 522 531 540  
GTC TTC AGG AAG GTC AGA TAG CCG GAG AGG AGC CAA GAT CCC TCC AGA CAG CAC  
V F R K V R

549 558 567 576 585 594  
CAG CTC ACA GAC GCT CTT GTT GTG CCC CCT TCA AGC CCA GAT TGT GCC AGG TCA

603 612 621 630 639 648  
GCT GTC CCT TCC TCT GGC CAC CTT TCC CTC TGG GTC CCT CCT CAC CCC TCC

657 666 675 684 693 702  
CCG TGT TAA TCT GTA ACT TGC AGC CCC CAG GCC AAA GTC CTT CAC ACT CCA

711 720 729 738 747 756  
CTG CCC AAT AGT GAC CTC ACT TCC AGG TCA AGG TCT GGC GTC CCA AAT GAA AGA

765 774 783 792 801 810  
AGC AGG CAA AGG GAA GGA GCC CCT GAG AAC AAC CAA TCT CCG CTC TCT CCT CTC

FIG. 1B

FIG. 1C

819	CAT	TTG	ACC	TCT	TCT	TTT	828		837	AAG	AAA	GAA	CTA	AGC	TTT	GGG	CAT	TTG	GCG	864
													846							
873	ATT	AGT	GAA	AAT	TCT	ATC	882		891	GAC	TTC	TGG	AAA	ACT	GTG	ACT	GGG	GTT	CAA	918
													900							
927	GAG	TTT	AAA	CAG	GGG	CTA	936		945	GAG	ANA	AAA	AAA	AAA	3'					
													954							

FIG. 1C

1	M P P N L T G Y Y R F V S Q K N M E D Y	367304
1	M P V D F N G Y W K M L S N E N F E E Y	GI 50548
1	M P V D F T G Y W K M L V N E N F E E Y	GI 190948
21	L Q A L N I S L A V R K T A L L L K P D	367304
21	L R A L D V N V A L R K I A N L L K P D	GI 50548
21	L R A L D V N V A L R K I A N L L K P D	GI 190948
41	K E I E H Q G N H M T V R T L S T F R N	367304
41	K E I V Q D G D H M I I R T L S T F R N	GI 50548
41	K E I V Q D G D H M I I R T L S T F R N	GI 190948
61	Y T V Q F D V G V E F E E D L R S V D G	367304
61	Y I M D F Q V G K E F E E D L T G I D D	GI 50548
61	Y I M D F Q V G K E F E E D L T G I D D	GI 190948
81	R K C Q T I V T W E E E H L V C V Q K G	367304
81	R K C M T T V S W D G D K L Q C V Q K G	GI 50548
81	R K C M T T V S W D G D K L Q C V Q K G	GI 190948
101	E V P N R G W R H W L E G E M L Y L E L	367304
101	E K E G R G W T Q W I E G D E L H L E M	GI 50548
101	E K E G R G W T Q W I E G D E L H L E M	GI 190948
121	T A R D A V C E Q V F R K V R	367304
121	R A E G V I C K Q V F K K V H	GI 50548
121	R V E G V V C K Q V F K K V Q	GI 190948

FIG. 2

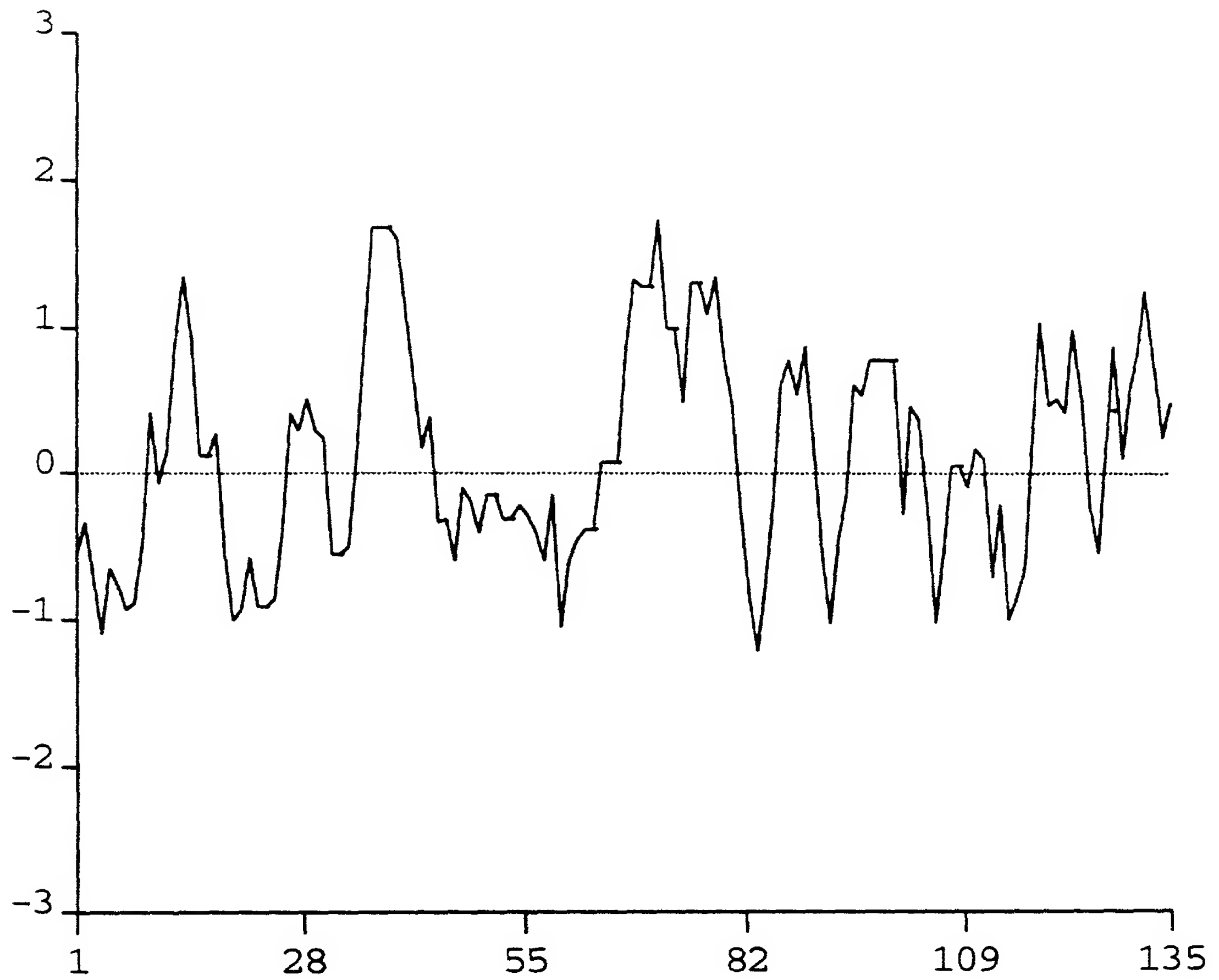


FIG. 3A

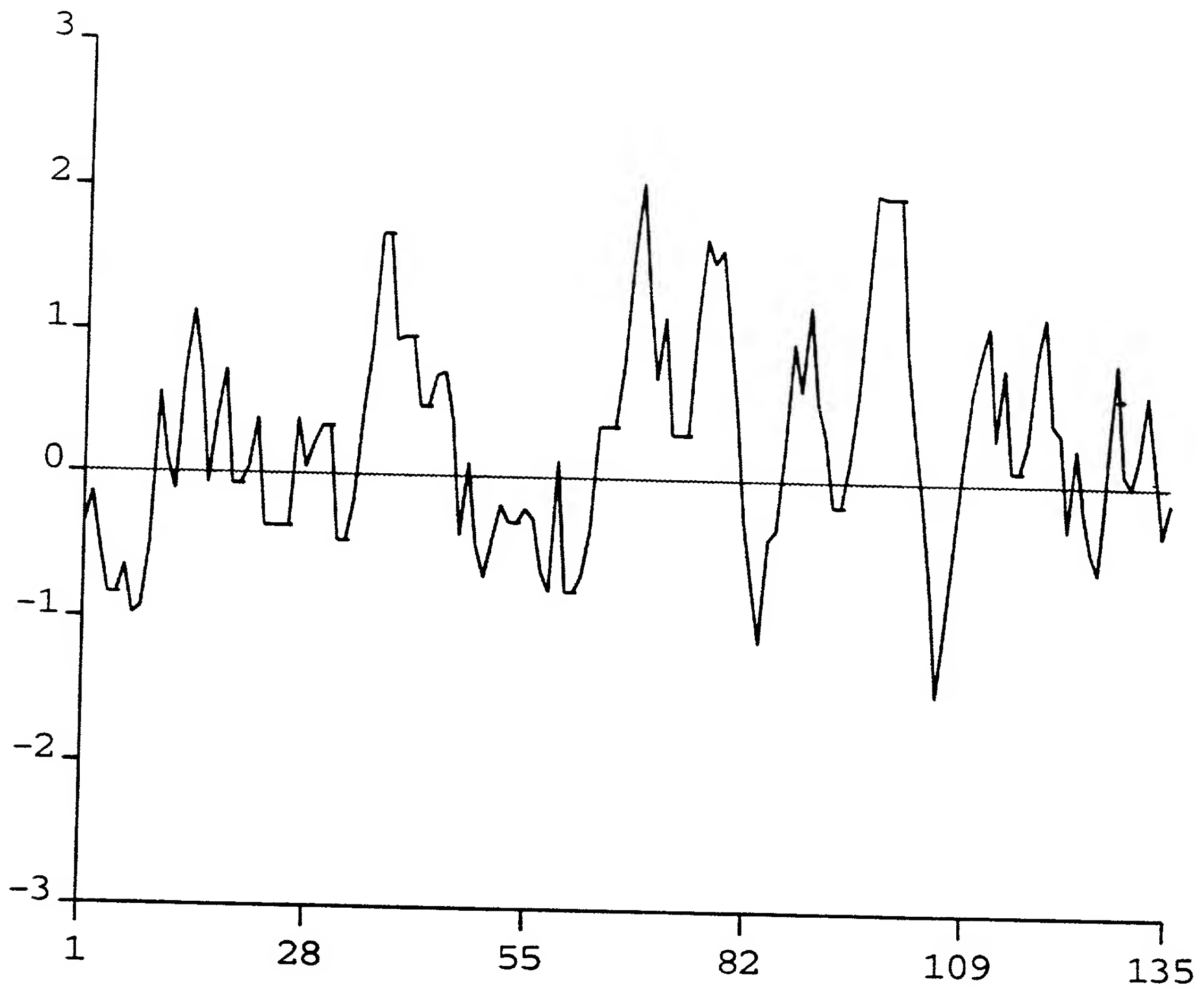


FIG. 3B